

Abstract

A prosthetic acetabular component for a hip joint that is inserted into a bone cavity of the natural acetabulum. The acetabular component consists of an articulating component and a constraining component. The articulating component has a hemispherical or dome shape that defines a hemispherical cavity for receiving a femoral ball of a femoral hip stem. The constraining component has a body that connects to the articulating component to capture the femoral ball within the cavity of the articulating component. A locking mechanism connects the constraining component to the articulating component.